

RUDKOVSKIY, V.M., Inzh.; KALINOV, N.N., Inzh.; MIRMANOV, V.V., Inzh.;  
POZENYAKH, I.A., Inzh.

Producing pumice from the slag of ferroalloy plants. Stroy.  
mat. 11 no.4:25-27 Ap '65. (MIL 1916)

Pozdnyakov, I.K.

Determination of phase meter errors using a self-check technique.  
Trudy inst. Kom. stand., ser i zan. prib. no.70:59-74 '63.

Determination of the amplitude errors of phase meters. Ibid.:75-78  
(MIRA 18:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im.  
D.I.Mendeleyeva.

86269

S/103/60/045/1001342810019-2  
P019/B063

9,4110 (1003,1105,1140)

AUTHOR: Pozdnyakov, I. K., Member of the Society

TITLE: Selection of Tubes With Grid-Plate Limitation and  
Determination of Their Quality

PERIODICAL: Radiotekhnika, 1960, Vol. 15, No. 8, pp. 57-60

TEXT: The author first gives a survey of the relations required for the selection of tubes used in circuits with grid-plate limitation. The plate characteristic of the tube is approximated using the relation  $i_a = (E_a - e_{ao} - \mu U_{gk})/R_i$  (2).

For the short-circuit current this relation takes the form  $I_o = (E_a - e_{ao})/R_i$  (3). The circuit diagram shown in Fig. 1 indicates that  $E_a$  is about equal to  $U_m + U_{n1}$ . These formulas lead to the

equation  $1/R_i + i_{a\max}/U_m = 2.3C_{parasitic}/\tau_{fr1min}$  (10) which cannot be solved for  $R_i$  and  $i_{a\max}$ . The quality of a tube, however, may be determined

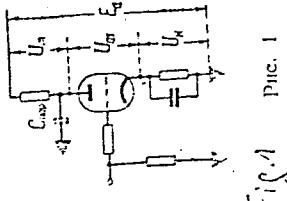
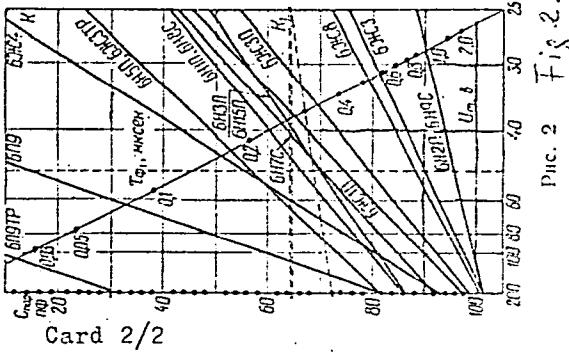
Card 1/2

56267

Selection of Tubes With Grid-Plate S/106/6c/015/008/008/010/XX  
Limitation and Determination of Their Quality B019/B063

from the left-hand side of (10). The larger the left-hand side, the shorter is the duration  $t_{fr1}$  of the negative pulse front. This indicates that the quality of a tube is determined by  $i_a \text{ max}$ . The nomogram shown in Fig. 2 may be used to determine the quality of various tubes from formula (10). There are 2 figures and 1 Soviet reference.

SUBMITTED: February 25, 1959 (initially), March 4, 1960 (after revision)



APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001342810019-2"

POZDNYAKOV, I.K.

Selection and evaluation of vacuum tubes in limited plate-grid operation. Radiotekhnika 15 no.8:56-60 Ag '60.  
(MIRA 13:8)

1. Deystvitel'nyy chlen nauchno-tekhnicheskogo Obshchestva  
radiotekhniki i elektrorasyazi im. A.S.Popova.  
(Pulse techniques(Electronics))  
(Electron tubes)

BAYEV, N.V.; BOBROV, Ye.G.; DEMIDOV, G.A.; DENISOV, A.D.; ZHUKOV, N.Ya.;  
LELEKOV, Yu.S.; POZDNYAKOV, I.M.; POLKOVNIKOV, B.M.; TRIBURT, I.I.;  
TYURIKOV, A.A.; SHESTAKOV, A.I., inzh.; PESKOVA, L.N., red.;  
KHITROVA, N.A., tekhn. red.

[Advanced technology on railroads] Peredovaia tekhnologija na  
zheleznoi doroge. Moskva, Vses. izdatel'sko-poligr. ob"edine-  
nie M-va putei soobshchenija, 1961. 84 p. (MIRA 14:12)  
(Railroads)

Pozdnjakov, E. T.

604. Pozdnjakov, I. T., and Sapezhnikov, M. N. The investigation

of the hydrodynamic characteristics of glass pipelines. In:

Voprosy voprosy po konstrukcii i izuchenii glaznicheskikh perekrojek Leningrad 1955, 129-131; Ref. Zb. Mekh. 1956, Ref. 5901.

In one of the papers [1] the method used in the experiments was described. At a flow rate of 1.1 m/sec. in the tube of 10 mm diameter, with the inner wall thickness of 1.2 mm carried out in the Moscowetsa Institute, a relation was obtained

$\lambda = A R^m$ , where  $A$  varies between 0.001 and 0.18, and  $m$  between 0.25 and 0.7. Reynolds number varied within the region 3780 to 229,500. In addition, data are furnished to determine the coefficient of local resistance for joints.

Courtesy: Rezonans, Journal B. K. Kosopkin, USSR  
Translation, courtesy: Ministry of Supply, England

POZDNYAKOV, K.A., inzhener; AKSEL'ROD, A.I., inzhener; BAKUMENKO, S.P., inzhener.

Setting up the contacts of mercury controllers used in hydraulic accumulators. Vest.mash.36 no.7:58 J1 '56. (MLRA 9:9)  
(Electric controllers) (Hydraulic machinery)

POZDNYAKOV, L.

PATENT

USSR/Electronics - Television  
Kinescopes

Mar 53

"Scanning Oscillators for Kinescopes With  
Electrostatic Deflection," V. Rubtsov,  
L. Pozdnyakov

Radio, No 3, pp 40-42

Describes a circuit consisting of one 6N8S twin triode tube which generates a symmetrical saw-tooth voltage for line and frame scanning of picture tubes with electrostatic deflection. The circuit is simple, highly stable, and gives a

good raster. Although the 6N8S cathode is at a high ac potential, equal to half the deflecting voltage, no breakdown was observed between cathode and filament.

POZDNYAKOV, L.

USSR/Electronics - Television Antennas Oct 53

"Antennas for Long Distance Television Reception,"  
L. Pozdnyakov

Radio, No 10, pp 53-55

Rhombic antenna has high amplification factor and  
coeff of directional operation but requires large  
dimensions and 4 supports instead of one. Cophasal  
antenna uses a 6-Mc pass band which provides a good  
picture. Antenna parameter data for reception of  
Moscow, Leningrad, Kiev TV centers is given in fig-  
ures and 2 brief tables.

276T28

29422  
S/081/61/000/017/064/156  
B110/B138

215151

AUTHORS: Breger, A. Kh., Gurvits, S. S., Pozdnyakova, L. A.,  
Chistov, Ye. D.

TITLE: Some protection problems in the use of radiation chemical  
apparatus

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 17, 1961, 306, abstract  
17U362 (Sb. nauchn. rabot in-tov okhrany truda VTSSPS,  
no. 4, 1960, 12-23)

TEXT: When studying the range of dose rates in the labyrinth protection  
of two radiation chemical research units, with strong Co<sup>60</sup>  $\gamma$  radiation  
sources of 21,000 and 16,000 g-equiv Ra, the authors found that, from  
the viewpoint of radiation safety, labyrinth shielding of both units  
reduces the dose rate down to tolerance level. The dose rate of  $\gamma$  radia-  
tion in labyrinths of the units is almost wholly due to scattered radia-  
tion. For a more rational design of the labyrinth it is recommended  
that the depth of the first concrete projection should be reduced. A  $\lambda$   
rough determination of the energy spectrum of the  $\gamma$  radiation in the

Card 1/2

Some protection problems in the use...

29422  
S/081/61/0/017/064/166  
B110/B138

labyrinth is made from the absorption in lead filters. The scattered radiation is found to consist mainly (80 %) of a soft component with an energy 0.1-0.2 Mev. In the second and the following windings of the labyrinth there is only a slight change in the hardness of scattered radiation. An equation is suggested by means of which the range of dose rates in labyrinths can be calculated with a sufficient accuracy for practical purposes. [Abstracter's note: Complete translation.] X

Card 2/2

L 19278-63 EWT(1)/BDS/ES(w)-2 AFETC/ASD/IJP(C)/SSD Pab-h GG  
ACCESSION NR: AR3005081 S/0196/63/000/006/A010/A011

SOURCE: RZh. Elektrotehnika i energetika, Abs. 6A69

AUTHOR: Pozdnyakov, L. G.

61

TITLE: Studies on a direct-current field in a stratified medium

CITED SOURCE: Sb. nauchn. tr. Tomskiy elektromekhan. in-t inzh. zh.-d. transp.,  
v. 33, 1962, 59-74

TOPIC TAGS: stratified medium, electric field, resistivity

TRANSLATION: To determine the equivalent resistivity of a stratified medium by the direct-current method, it is necessary to employ a four-electrode network to measure the voltage and current at the appropriate points and to compute the apparent resistivity of a supposedly homogeneous medium. One then employs the relation between the apparent resistivity, depth of penetration of the measuring current, and the true values of the resistivity of a non-homogeneous medium. The author considers the derivation of regularities mainly for the case of a two-layer medium. Six illustrations. Bibliography with five titles. B. Yakhinson.

DATE ACQ: 23Jul63

SUB CODE: GE

ENCL: 00

1/1  
Card

TYURMOREZOV, Viktor Yevgrafovich, inzh.; KIRILOV, Mikhail Mikhaylovich,  
kand. tekhn. nauk; KOZLOV, Lev Nikolayevich, inzh.; KRUMIN, Ye.A.,  
kand. tekhn. nauk, retsenzent; POZDNYAKOV, L.G., inzh., retsenzent;  
FEL'DMAN, A.B., inzh., retsenzent; KAZAKOV, A.A., kand. tekhn.  
nauk, red.; MEDVEDEVA, M.A., tekhn. red.

[Electric power supply to railroad communications, apparatus and  
automatic control, and remote control systems] Elektropitanie  
ustroistv sviazi, avtomatiki i telemekhaniki na zheleznodorozhnom  
transporte. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va  
putei soobshcheniya, 1961. 215 p. (MIRA 14:11)

(Electric power supply to apparatus)  
(Railroads--Electric equipment)

L 02288-67 EWT(1) GG

ACC NR: AR6016561

SOURCE CODE: UR/0196/65/000/012/A010/A010

AUTHOR: Pozdnyakov, L. G.

45  
B

TITLE: Investigation of the electromagnetic field of an infinite line above a multilayered surface

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 12A7<sup>4</sup>

REF SOURCE: Nauchn. tr. Omskiy in-t inzh. zh.-d. transp., v. 52, 1965, 119-133

TOPIC TAGS: electromagnetic field, transmission line, electric inductance

ABSTRACT: A simple method which is convenient for numerical calculations is considered for determining mutual inductance between single-conductor lines for any number of ground layers and for any distance between wire and ground. The known solution for the vector potential and the idea of induced impedance are used. The latter concept simplifies computation of the reflection coefficient. A recurrence formula is given for calculating the induced impedance and a method for solving the integral appearing in the expression for the coefficient of mutual inductance is considered in detail. An interpolation polynomial is substituted for the integrand and a formula suitable for practical calculations is derived after integration. The methods may be used for direct calculation of the induced emf depending on the

UDC: 538.311

Card 1/2

L 02288-67

ACC NR: AR6016561

presence of actual nonhomogenieties without previous reduction to an equivalent uniform ground. 3 illustrations, 2 tables, bibliography of 9 titles. Yu. Chalisov.  
[Translation of abstract]

SUB CODE: 09

Card 2/2 vmb

POZDNYAKOV, Lev Konstantinovich; ZHUKOV, A.B., doktor sel'khoz.  
nauk, prof., otv. red.; TIKHOMIROV, V.N., red. izd-va;  
RYLINA, Yu.V., tekhn. red.

[Hydroclimatic conditions in the larch forests of central  
Yakutia] Gidroklimaticeskii rezhim listvenichnykh lesov  
TSentral'noi IAkutii. Moskva, Izd-vo AN SSSR, 1963. 144 p.  
(MIRA 16:7)

(Yakutia--Larch) (Yakutia--Forest influences)

POZDNYAKOV, L.K.

Effect of the plants of the live cover on the germination of seeds and  
the development of shoots of the Dahurian larch. Probl. bot. 6:  
308-317 '62.  
(Yakutia—Larch) (MIRA 16:5)  
(Forest reproduction)

<sup>N</sup>  
POZDNYAKOV, L.N.

"Growth of Birch in the Verkhojanski Region of Yakut A.S. S. R.," Dok. Ak. 60,  
No. 2, 1948. Inst. of Forestry, USSR Acad. Sci., -el248-.

POLYAKOV, L. N.  
A.

"Differentiation Between Trunks in Stands of Daursk Larch", Dok. AN, 65, No. 5,  
1949. Inst. of Forestry, Acad. Sci., 1949.

1. POZDNYAKOV, L.K.
2. USSR (600)
4. Pine
7. Arborescent form of Pinus pumila Rgl. Bot.zhur. 37 no.5, 1952.
  
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

POZDMYAKOV, L.K.; SUKACHEV, V.N., akademik.

Light conditions under the cover of a deciduous forest. Dokl.AN SSSR 90  
no.5:905-907 Je '53. (MLRA 6:5)

1. Institut lesa Akademii nauk SSSR (for Pozdnyakov). 2. Akademiya nauk  
SSSR (for Sukachev). (Forest influences)

POZDNYAKOV, L.K.

Accumulation of litter in pine forests. Dokl. AN SSSR 93 no.6:1111-1113  
D '53. Dokl. AN SSSR 93 no.6:1081-1084 D '53. (MLRA 6:12)

1. Institut lesa Akademiya nauk SSSR. Predstavлено академиком V.N.Sukachevym.

(Pine)

Pozdnyakov, L.K.

USSR/Miscellaneous--Forestry

Card 1/1 Pub. 86--21/39

Authors : Pozdnyakov, L. K.

Title : "Forests of the Olekma River basin

Periodical : Priroda 44/1, 101--105, Jan 1955

Abstract : The timber of the basin of the Olekma River, a right-bank tributary of the Lena is described. It is claimed that from observation and laboratory tests certain of these timbers have been found to be of high quality but little advantage has been taken of this fact. Some of the timbers mentioned are the Daurian larch, pine, Siberian cedar, spruce, asp, poplar, etc. The industrial uses to which the various woods can be put are explained. Illustrations.

Institution: Forest Institute of the Acad. Sc. of the USSR

Submitted : .....

POZDNYAKOV, L.K.

*Geddy* ✓ The role of precipitates penetrating under the forest cover in the process of material exchange between the forest and the soil. L. K. Pozdnyakov. Doklady Akad. Nauk S.S.R. 107, 753-6 (1955). Examen. of foliate and coniferous forest areas in respect to the pptn. which runs down the trees and penetrates the soil showed that the pptn. which actually runs down the trunks has high acidity (pH as low as 3.6). Pine forests are characterized by low ash content of such pptn. reaching the ground; in birch forests the ash content of the waters is relatively high. Thus, the accumulation of sol. substances on the outside of the bark contributes to the exchange of chem. substances between the tree and the soil. G. M. Kosolapoff

LEBEDEV, Aleksandr Vasil'yevich; POZDNYAKOV, L.N., etv. red.

[Water retaining importance of forest in the Ob' and  
Yenisey basins] Vodokhrannoe znachenie lesa v bas-  
seinakh Obi i Eniseia. Moskva, Izd-vo "Nauka," 1964.  
(MIRA 18:3)  
62 p.

PROTOPOFOV, V.V.; POZDNYAKOV, L.K., otv. red.; MAUSICH, V.Kh.,  
red.

[Bioclimate of the dark green mountain forests of southern  
Siberia] Bioklimat temnokhvoinykh gornykh lesov Iuzhnoi  
Sibiri. Nauka, 1965. 94 p. (MIRA 18:2)

POZDNYAKOV, L.K., kand. sel'khoz. nauk, stv. red.; KOZLOVA, T., red.

[Hydroclimatic research in the forests of Krasnoyarsk Territory] Gidroklimaticheskie issledovaniia v lesakh Krasnoyarskogo kraia. Krasnoyarsk, Krasnoyarskoe knizhnoe izd-vo 1963. 128 p. (MIRA 17:10)

1. Akademiya nauk SSSR. Sibirskye otdeleniye. Institut lesa i drevesiny.

POZDNYAKOV, L.K.

Importance of the spatial variability of temperature for the  
study of forest microclimate. Izv. Sib. otd. AN SSSR no.6:93-98  
'62. (MIRA 17:7)

1. Institut lesa i drevesiny Sibirskogo otdeleniya AN SSSR,  
Krasnoyarsk.

POZDNYAKOV, L.K.

Importance of the spatial variability of temperature for the  
study of forest micro-climate. Izv. Sib. otd. AN SSSR no.6:93-98  
'62  
(MIRA 17:7)

1. Institut lesa i draveshiny Sibirskogo otdeleniya AN SSSR,  
Krasnoyarsk.

POZDNYAKOV, L.K., otv. red.; FORTUNATOV, I.K., red.izd-va; VOLKOVA,  
V.V., tekhn. red.

[Forests of southern Yakutia] Lesa Iuzhnoi Jakutii. Mc-  
skva, Izd-vo "Nauka," 1964. 192 p. (MIRA 17:3)

l. Akademiya nauk SSSR. Yakutskiy filial, Yakutsk. Institut  
biologii.

POZDIYAKOV, L.K.

Biology of fertilization in the Dahurian larch in central Yakutia.  
Bot. zhur. 47 no.7:1000-10C6 J1 '62. (MIRA 15:9)

1. Institut lesa i drevesiny AN SSSR, Krasnoyarsk.  
(Yakutia—Larch) (Fertilization of plants)

TYULINA, Lyudmila Nikolayevna; POZDNYAKOV, L.K., kand.sel'skokhoz.nauk,  
otv.red.; GARNOVSKIY, K.V., red.izd-va; GALIGANOVA, L.M.,  
tekhn.red.

[Forest vegetation of the middle and lower part of the Uchur  
Basin] Lesnaya rastitel'nost' srednei i nizhnei chasti basseina  
Uchura. Moskva, Izd-vo Akad.nauk SSSR, 1962. 149 p.  
(MIRA 15:2)

(Uchur Valley--Forests and forestry)

POZDNYAKOV, L.K.

Forests of the upper Yana Valley. Trudy Inst. biol. IAFAN SSSR  
no. 7:162-242 '61. (MIRA 14:5)  
(Yana Valley—Forest and forestry)

POZDNYAKOV, Lev Konstantinovich; ZHUKOV, A.B., prof., doktor sel'khoz.  
nauk, otd. red.; LIKHACHEV, A.N., red.izd-va; YEGOROV, N.P., tekhn.red.

[Larch and pine forests of the upper Aldan] Listvennichnye i  
sosnovye lesa Verkhnego Aldana. Moskva, Izd-vo Akad. nauk  
SSSR, 1961. 173 p.  
(Aldan Valley--Larch) (Aldan Valley--Pine)

K-3

USSR / Forestry. Forest Economy

Abs Jour: Ref Zhur-Biol., No 13, 1956, 58386

Author : Pozdnyakov, L. K.

Inst : Not given

Title : Fruit Bearing of Solitary Seminiferous Daura  
Larch Trees

Orig Pub: Lesn. Kh-vo, 1957, No 11, 80

Abstract: During the observations in the Central Yakutiya it was found that the Daura larch, contrary to the Siberian and Sukachev larch, produces seeds on solitary trees and in dense forest stands, which are similar in their sowing qualities (data of experimental studies are given). It is recommended, therefore, not to leave the seed-bearing

Card 1/2

USSR / Forestry, Forest Economy

K-3

Abs Jour: Ref Zhur-Biol., No 15, 1958, 56386

Daura larch trees in massive clearings in groups,  
but rather as solitary trees.

Card 2/2

USSR/Forestry - General Problems.

K-1

Abs Jour: Ref Zhur - Biol., No. 19, 1958, 86829

Author : Pozdnyakov, L. K.  
Inst : Not given  
Title : Forests of Yakut

Orig Pub: Lesn. kh-vo, 1958, No 3, 34-39

Abstract: The geomorphological and forest vegetation conditions of Yakut are briefly described, emphasizing their unique peculiarities relatively favorable conditions in the south and extremely harsh conditions in the forest tundra and high in the mountains. The percentage of afforestation rises sharply towards the southwest to 75-82%. The undergrowth consists of thickets of bushy birch, and in the mountains of cedar cover. In sections and preserves, predominant stands of the Daur

Card 1/3

USSR/Forestry - General Problems.

K-1

Abs Jour: Ref Zhur - Biol., No. 19, 1958, 86829

**Abstract:** (*Larix dahurica* larch Turcz) are most prevalent. Pine is adapted mainly to the southern regions. Spruce and the rarely encountered fir have no economic value. Almost two-thirds of the wooded area is occupied by mature and over-mature stands; the rate of use is not limited by growth. About 51% of the general reserve is suitable for commercial wood, about 36% for firewood, and 13% for ungraded wood; light timber assortments predominate. The low yield of commercial wood is caused by widespread stump rot. The low productivity of the forests (their grade does not exceed the V - IV class), which increases somewhat towards the south, is noted, as is the considerable influence of fires on the composition of the stands. The role in forestry of the main wood-producing species is described, and their dendrological

Cont'd 2/3

1

USSR/Forestry - General Problems.

K-1

Abs Jour: Ref. Zhur - Biol., No 19, 1958, 86829

Abstract: description given. The features of silviculture  
in Yakut are briefly outlined. - L. V. Nesmelov

Card 3/3

POZDNYAKOV, L.K.

Investigating the chemical composition of the Dahurian larch wood.  
Trudy Inst. lesa 45:5-21 '58.  
(Larch) (MIRA 11:11)

POZDNYAKOV, L.K.

*Juniperus dahurica Pall.* in southern Yakutia. Bot. zhur. 43 no.6:  
860-861 Je '58. (MIRA 11:7)

1. Institut lesa Akademii nauk SSSR, s. Uspenskoye Moskovskoye obl.  
(Yakutia--Juniper)

POZDNYAKOV, L.K.

Use of photography in mapping vegetation on small plots.  
Bot.zhur. 44 no.8:1114-1117 Ag '59. (MIRA 13:2)

1. Institut lesa AN SSSR, selo Uspenskoye Moskovskoy oblasti.  
(Botanical research)  
(Photography--Scientific applications)

POZDNYAKOV, Lev Konstantinovich; GORTINSKIY, Vladimir Iosifovich;  
GRACHEV, A.P., otv.red.; TIKHOMIROVA, Ye.V., red.izd-va;  
MAKUNI, Ye.V., tekhn.red.

[Forests and forest resources of southern Yakutia] Lesa i  
lesnye resursy Iuzhnoi Jakutii. Moskva, Izd-vo Akad.nauk  
SSSR, 1960. 117 p. (MIRA 13:3)  
(Yakutia--Forests and forestry)

Pozdnyakov, L.P.

AYZENBERG, G.Z.; MODEL', A.M.; POZDNYAKOV , L.P.

Cylindrical, slotted long-wave and medium-wave antennas. Radio-  
tekhnika 12 no.10±5-16 0 '57. (MLRA 10:11)

1. Deystvitel'nye chleny Nauchno-tekhnicheskogo obshchestva radio-  
tekhniki i elektrsovyyazi im. A.S. Popova.  
(Antennas (Electronics))

VOSTRIKOVA, A.M.; SAKHAROVA, V.V.. Prinimali uchastiye: FISHKO, F.Ye.;  
LEFIMOVA, N.M.; BABURSKAYA, Z.T.; POZDNYAKOVA, K.I.; SHCHEGLOVA,  
K.D.; KUSTOVA, V.T.; POD'yACHIKH, P.G., red.; STRONGIN, V.L.,  
red.; PYATAKOVA, N.D., tekhn.red.

[Public health in the U.S.S.R.; compendium of statistics] Zdravookhranenie v SSSR; statisticheskii sbornik. Moskva, Gosstatizdat  
(MIRA 13:8)  
TsSU SSSR, 1960. 271 p.

1. Russie (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye.  
2. Otdel statistiki naseleniya i zdravookhraneniya TSentral'nogo  
statisticheskogo upravleniya SSSR (for all except Strongin, Pyatakova).  
3. Chlen Kollegii TSentral'nogo statisticheskogo upravleniya SSSR (for  
Pod'yachikh).

(PUBLIC HEALTH--STATISTICS)

106-10-2/11

AUTHORS: Ayzenberg, G.Z., Model', A.M., Pozdnyakov, L.P., Ordinary Members of the Society  
TITLE: Cylindrical Long- and Short-Wave Slot Antennae (Tsilyindricheskiye shchelevyye dlinnovolnovyye i srednevolnovyye antenny)  
PERIODICAL: Radiotekhnika, 1957, Vol. 12, Nr 10, pp. 5 -16 (USSR)

ABSTRACT: Antennae on low supports for wireless are described. The authors show that by means of the utilization of cylindrical slot vibrators, which are known within the range of centimeter- and decimeterwaves, as medium-wave antennae, the height of the antenna can be reduced to 0,3 maintaining a high degree of efficiency as well as the range of free transmission demanded. These slot vibrators must be modified according to the medium-wave range. The results of theoretical and experimental investigations are given here. The reasons for the utilization of high antennae are investigated and the ways for the solution of problems developing when changing over to low supports are shown. The authors show that such antenna must be looked for in which the currents to the earth do not flow to one single point but are deconcentrated over the whole circumference. The current structure as well as the earth losses in the near of a cylindrical slot antenna are in-

Card 1/2

108-10-2/11

Cylindrical Long- and Short-Wave Slot Antennae

vestigated. Formulae are deduced for the calculation of the current intensities in earth for vibrations with the height- and diameter-conditions used most in practice. By means of the data obtained the earth system can be calculated. The directivity diagram in a vertical plane as well as the radiation resistance of a cylindrical slot antenna are investigated. The results of the experimental investigation are given: - 1.) The distribution of current over the circumference of the antenna was almost regular within the long-wave. 2.) The degree of efficiency was 0,9 with two waves of 430 and 530 m. 3.) The range of free transmission was 18,4 kcycles with the 600 m wave and 34 k cycles with the 530 m wave. There are 11 figures and 2 Slavic references.

SUBMITTED: July 2, 1957

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elekrosvyazi  
im. A.S. Popova

AVAILABLE: Library of Congress

Card 2/2

Pozdnyakov, L. P.

ANTENNAS & TRANSMISSION LINES

"New Medium Wave Radio Broadcasting Antennas on Low Towers," by B. S. Nadenenko, Engineer, and L. P. Pozdnyakov, Candidate of Technical Sciences, Vestnik Svyazi, No 5, May 1957, pp 11-14.

Description of slot antennas for long and medium waves. It is shown that the use of slot vibrators at these wave lengths does not call for high supporting structures.

Card 1/1

- 4 -

POZDNYAKOV, L.P. (Poselok Berodino, Rybinskogo rayona, Krasnoyarskogo kraja, Oktyabr'skaya ul., d.50, kv.2); POLUPUDNEV, L.A.

Characteristics of industrial traumatism in open-pit coal mining. Ortop., travm. i protez. 26 no.4:53-55 Ap '65.  
(MIRA 18:12)

1. Iz Irsha-Berodinskoy bol'nitsy (glavnnyy vrach - V.V.Dolmat) Tybinskogo rayona, Krasnoyarskogo kraja.

142001000000  
SAMOYLOV, G.P.; KURDOV, L.I., otvetstvennyy redaktor; POZDNYAKOV, L.P.,  
otvetstvennyy redaktor; USHOMIRSKAYA, M.M., redaktor; LEDNEVA,  
N.V., tekhnicheskiy redaktor

[Long-distance reception of television broadcasts] Dal'niy priem  
televizionnykh peredach. Moskva, Gos.izd-vo lit-ry po voprosam  
sviazi i radio, 1957. 199 p.  
(Television--Receivers and reception)

POZDNYAKOV, L.P.  
NADENENKO, B.S., inzhener; POZDNYAKOV, L.P., kandidat tekhnicheskikh nauk.

New medium-wave radio transmitting antennas on low poles.  
Vest. sviazi 17 no.5:11-14 My '57. (MLRA 10:5)  
(Radio--Antennas)

Pozdnyakov, L. P.

"New Medium-Wave Radio Broadcasting Antennas on Low Supports,"  
by B. S. Nadenenko and L. P. Pozdnyakov, Vestnik Svyazi, No 5,  
May 57, pp 11-14

The article states that the application of slot antennas to M  
radio broadcasting was first suggested by G. Z. Ayzenberg, and that such  
slot antennas are much simpler and cheaper than the equivalent tower-  
type antennas. The construction of three types of slot antennas is  
described, namely, the flat slot dipole, the cylindrical, and the anti-  
fading.

For operation on the 600-m wave, the passband of a flat slot antenna,  
30 m high, 150 m long, and 40 m wide, is  $\pm$  7.5 kc. Satisfactory broad-  
casting performance is obtained with a cylindrical slot antenna, which  
is about 20 m high, 50 m in diameter, and 120 m across the horizontal  
spread. Such cylindrical slot antennas were built at several radio  
broadcasting stations of the Ministry of Communications. The cost of  
the equivalent tower-type antennas is several times greater than for  
such cylindrical slot antennas.

The antifading type of slot antenna consists of a cylindrical slot  
antenna at the center of the assembly, surrounded by five flat slot  
antennas. (U)

Sum, in 1951

ACC NR: AP6033469

SOURCE CODE: UR/0413/66/000/018/0056/0056

INVENTOR: Bichel', V. V.; Merkulov, A. A.; Pozdnyakov, L. P.

ORG: None

TITLE: A bent dipole antenna with a counterweight. Class 21, No. 185971

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 56

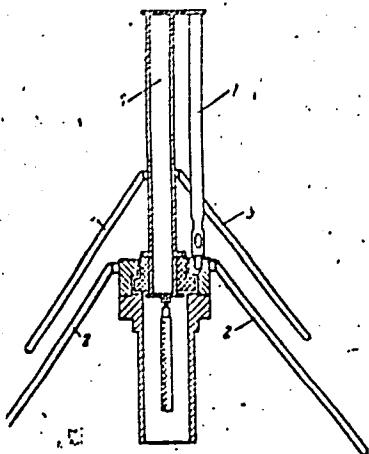
TOPIC TAGS: dipole antenna, bandwidth expansion

ABSTRACT: This Author's Certificate introduces a bent dipole antenna with a counter-weight. The unit consists of an asymmetric bent dipole equipped on the lower end with a quarter-wave inclined multiple-rod counterweight. The working frequency band is expanded by connecting a second counterweight to the supply rod made up of rods tuned to the upper limit of the frequency range.

Card 1/2

JDC: 621.396.673

ACC NR: AP6033469



1--loop; 2 and 3--counterweights

SUB CODE: 09 / SUBM DATE: 29Jul63

Card 2/2

POZDNYAKOV, M.

The K-750 motorcycle. Za rul. 17 no.7:4-5 J1 '59.  
(MIRA 13:1)

1. Glavnyy konstruktor Kiyevskogo mototsikletnogo zavoda.  
(Kiev--Motorcycle industry)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001342810019-2

POZDNYAKOV, M. A. and KORZINKIN, S. I.

Mototsiki M-72 (Motorcycle, M-72), Kiev-Moscow, 1951.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001342810019-2"

POZDNYAKOV, Mikhail Alekseyevich; BELOTSERKOVSKIY, A.G., inzh.,  
retsenzent; SOLOGUB, V.S., inzh., red.; SOROKA, M.S., red.;  
GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[The K-750 motorcycle] Mototsikl K-750. Moskva, Mashgiz, 1961.  
(MIRA 15:3)  
278 p.  
(Motorcycles)

POZDNYAKOV, M.A., inzh.

Engines of heavy motorcycles (to be concluded). Za rul. 12 no.10:  
20-21 0 '60. (MIRA 14:1)  
(Motorcycles--Engines)

*PUDNYAKOV, M.A.*

The M-33 highway motorcycle. Za rul. 14 no. 3:16-17 '56.  
(MIRA 10:9)  
1. Glavnnyy konstruktor Kiyevskogo mototsikletnogo zavoda.  
(Motorcycles)

POZDNYAKOV, MIKHAIL ALEKSEYEVICH

N/5  
743.27  
.PB  
1957

Mototsikl M-72 (Motorcycle M-72, by) M. A. Pozdnyakov i S. N. Karsinkin.  
Izd. 2., perer i dop. Kiyev, Mashgiz, 1957.

233 p. illus., diagrs., tables.

POZDNYAKOV, M.A.

IVANITSKIY, S.Yu.; POZDNYAKOV, M.A.; ROGOZHIN, V.V.; KORZINKIN, S.I.,  
inzhener, ratsenzent; PASTUKHOV, A.P. inzhener, redaktor; RU-  
DEMSKIY, Ya., tekhnicheskiy redaktor.

[Soviet motorcycles; handbook] Sovetskie mototsikly; spravechnee  
rukovodstvo. Moskva, Gos.nauchno-tekh. izd-vo mashinostroit. i  
sudostroit. lit-ry, 1954. 340 p.  
(MLRA 7:8)  
(Motorcycles)

KAPEL'NITSKIY, V.G.; SHVED, F.I.; YARTSEV, M.A.; TULIN, N.A.; POZDEYEV, N.P.;  
SERGEYEV, A.B.; MERENISHCHEVA, I.I.; KALININA, Z.M.; POZDNYAKOV, M.V.  
Prinimali uchastiye: KUZOVATOV, V.N.; MAKSUTOV, R.F.; MYSINA, G.Ye.;  
SHELGAYEVA, A.V.; ZHIVICHKIN, L.A.; GAYDUK, Yu.A.; GALYAN, V.S.;  
SOSKOV, D.A.; KHMELEV, I.I.; PARABINA, G.I.

Making steel and alloys in vacuum furnaces. Stal' 23 no.4:325-328  
(MIRA 16:4)  
Ap '63. (Vacuum metallurgy) (Electric furnaces)

Po 2 DNYAKOV, M. V.

(4)

S/133/63/000/004/002/011  
A054/A126

AUTHORS: Kapel'nitskiy, V. G., Shved, F. I., Yartsev, M. A., Tulin, N. A.,  
Pozdeyev, N. P., Sergeyev, A. B. Merenishcheva, I. I., Kalinina,  
Z. M., Pozdnyakov, M. V.

TITLE: Melting of steel and alloys in vacuum furnaces

PERIODICAL: Stal', no. 4, 1963, 325 - 328

TEXT: МХ 15 (ShKh15) and X20H80 (Kh20N80) grade steels often display spotty liquation, bright streaks, and bright skins. Tests for eliminating these defects were carried out by V. N. Kuzovatov, R. F. Maksutov, O. Ye. Mysina, A. V. Shelgayeva, L. A. Zhivichkin, Yu. A. Gayduk, V. S. Galyan, D. A. Soskov, I. I. Khmelev, G. I. Parabina et al. To prevent the rotating movement of the liquid metal, the circuit scheme was modified (under the control of I. S. Pinchuk, Candidate of Technical Sciences) and upon the suggestion of the NIIM (Chelyabinskii nauchno-issledovatel'skiy institut metallurgii/Chelyabinsk Scientific Research Institute of Metallurgy) all ferromagnetic parts were eliminated from the electric system which then was redesigned on a bifilar-coaxial scheme. In

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S/133/62/000/004/002/011  
A054/A126

Melting of steel and alloys in vacuum furnaces

The current system of the arc a negative reversed connection was realized for generator-induction. The arc was kept constant by a NIIM-pulse generator. The steel for the self-baking electrodes was produced according to the standard method, while care was taken to limit the content of S to 0.008% and that of P to 0.015%. The induction type vacuum furnace (OKB-571B /OKB-571B) with a capacity of 0.5 ton and a vacuum of 1  $\mu$  Hg, supplied by a high frequency BFO -250-2500/VDO-250-2500 type generator, with an inductor voltage of 1,000 (formerly 2,000) and a frequency of 2,500 cps was also revised. The vacuum system consisted of 5 mechanical (BH-6T /VN-60) and 3 oil-vapor (BH-4500/EN-4500) pumps. The furnace construction was improved (in co-operation with the Vsesoyuznyy nauchno-issledovatel'skiy institut elektrotekhnicheskogo oborudovaniya/ All-Soviet Scientific Research Institute of Electrotechnical Apparatus and the Chelyabinsk Scientific Research Institute of Metallurgy) by fixing the inductor more rigidly, by applying lever-type vacuum seals, suitable for application in the mnemonic furnace control system, by redesigning the feeding, tilting apparatus, etc. The crucible material - having a marked effect on the metal quality - was also tested. The most uniform macrostructure was obtained with a crucible of melted magnesite, and 30  $\mu$  Hg was found to be the optimum vacuum. The effect

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Melting of steel and alloys in vacuum furnaces

S/133/63/CCC/004/002/011  
AC54/Al2O

of the reduction of the alloys on their ductility in forging was also studied. The forging properties were improved by adding a nickel-magnesium masteralloy and calcium silicate to the bath prior to tapping, calculating 0.12 - 0.15% magnesium for the finished metal. Wires with a 30  $\mu$  thickness could be drawn from the metal produced under the modified conditions. There are 4 figures.

Card 3/3

POZDNYAKOV, M.V., inzh.

Prevention of coking in fuel oil jets. Energetik 10 no.1.8  
Ja '62. (MIRA 14:12)

(Boilers)  
(Furnaces)

POZDNYAKOV, Mikhail Alekseyevich; KARZINKIN, Sergey Ivanovich; YMLAGIN, V.P.,  
inzhener, retsentent; MUKHIN, P.V., inzhener, redaktor; SOROKA, M....,  
redaktor

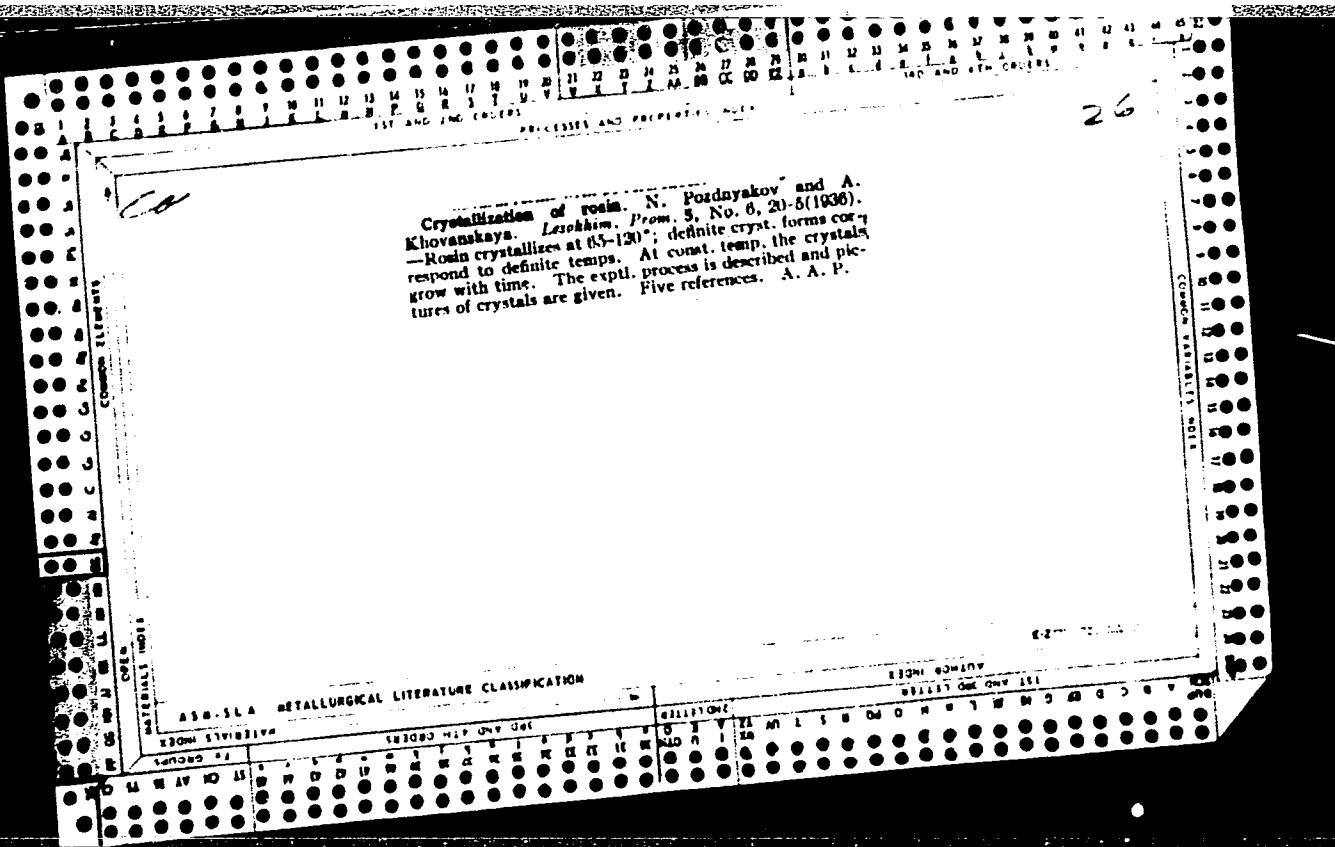
[M-72 motorcycle] Motosikl M-72, Izd. 2-oe, perer. i dop. Kiev, Gos.  
nauchno-tehn.izd-vo mashinostroit. lit-ry, 1957. 231 p. (MLRA 10:10)  
(Motorcycles)

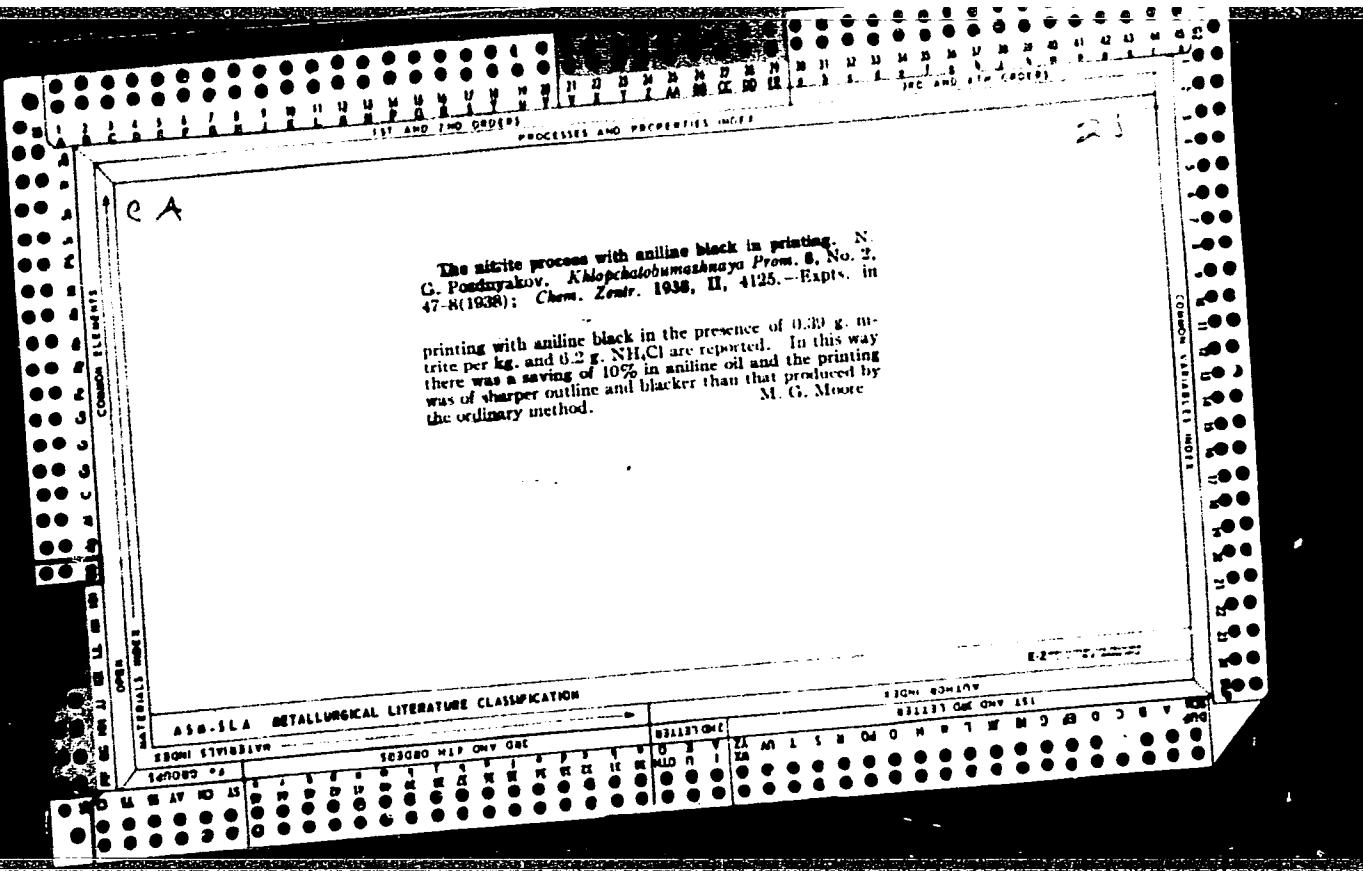
POZONYAKOV, Mikhail Mikhailovich, red.

[Handbook on animal husbandry for the non-Chernozem zone of the  
U.S.S.R.] Spravochnik zootekhnika nechernozemnoi polosy SSSR.  
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 560 p. (MIRA 14:8)  
(Stock and stockbreeding)

POZDNYAKOV, Mikhail Mikhaylovich; SHUBIN, Aleksandr Yefimovich

[Sheep breeding in the southwest] Ovtsevodstvo severo-zapadnoi  
zony. Moskva, Gos. izd-vo selkhoz lit-ry, 1958. 127 p. (MIRA 11:11)  
(Sheep)





POZDNYAKOV, N., master proizvodstvennogo obucheniya

Against simplifications. Prof.-tekhn. obr. 22 no.15-6  
(MIRA 1854)  
Ja '65.

POZDNYAKOV, N.

Production combines and bank control. Den. i kred. 21 no.4:  
(MIRA 16:4)  
12-16 Ap '63.

1. Upravlyayushchiy Leningradskoy gorodskoy kontoroy Gosbanka.  
(Leningrad Province--Industrial organization)  
(Leningrad Province--Banks and banking)

POZDNIAKOV, N.

For efficient economic work of the State Bank. Den. i kred. 20 no.7:  
3-8 Jl '62. (MIRA 15:7)

1. Upravlyayushchiy Leningradskoy gorodskoy kontoroy Gosbanka.  
(Leningrad Province—Banks and banking)  
(Leningrad Province—Industrial management)

POLYAKOV, I.; POZDNYAKOV, N.; KARPOV, A.; STARIKOV, I.; DZIBOV, V.;  
VAL'KOV, N.

Uniformity and improvement of short-term credit and payments.  
Den. i kred. 16 no. 5:11-25 My '58. (MIRA 11:6)  
(Credit) (Payment)

POZDNYAKOV, N.; DEGTYAREV, A.; KOPYLOV, I.; KHOKHLOV, L.; ZIL'BERSHTEYN, M.

Our proposals. Den. i kred. 15 no.5:2-18 My '57. (MLA 10:6)

1. Upravlyayushchiy Leningradskoy gorodskoy kontoroy Gosudarstvennogo banka (for Pozdnyakov).
2. Upravlyayushchiy Moskovskoy oblastnoy kontoroy Gosudarstvennogo banka (for Degtyarev).
3. Upravlyayushchiy Sverdlovskoy oblastnoy kontoroy Gosudarstvennogo banka (for Kopylov).
4. Latviyskaya respublikanskaya kontora Gosudarstvennogo banka (for Khokhlov and Zil'bershteyn).

(Banks and banking)

POZDNYAKOV, N.

Solve new tasks successfully. Den. i kred. 16 no.12:57-60 D '58.  
(MIRA 11:12)

(Leningrad economic region--Industries)  
(Banks and banking)

BARLYAYEV, K.M., inzh.; POZDHYAKOV, N.G., inzh.

Further growth of the production of equipment used in building  
materials and construction industries. Stroi. i dor. mashinostr.  
3 no. 6:26-32 Je '58. (MIRA 11:7)  
(Building materials industry)  
(Construction industry)

POZDNYAKOV, NI

29852

Novyy mototsikl kid. avtomobil; 1949 , No. 9, s. 22-23

SO: L E T O P I S ' NO. 40

POZDNYAKOV, N.N.

[Polytechnic museum] Politekhnicheskii muzei. [Moskva] Moskovskii  
rabochii, 1952. 141 p.  
(MLRA 7:4)  
(Moscow--Industrial museums) (Industrial museums--Moscow)

Pyotr M.

Industrial Museums

National museum of science and technology. Moscow, Russia

9. Monthly List of Russian Accessions, Library of Congress, September 1957, Uncl.  
2

POZDNIAKOV, N.N.

[Polytechnical museum] Politekhnicheskii muzei. Moskva, Izd-vo "Znanie,"  
1953. 31 p.  
(MLRA 6:10)  
(Industrial museums)

POZDNIAKOV, N.

Politekhnicheskii musei [The polytechnical Museum]. Moskva, Mosk. rabochii,  
1953. 144 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 8 November 1953

POZDNYAKOV, N.N., redaktor

[New techniques; lectures and consultations. Schedule for February, 1955] Novaia tekhnika; lektsii-konsul'tatsii. Plan na fevral' 1955 goda. Moskva, Vses. ob-vo po rasprostraneniuu polit. i nauchnykh zannii, 1955. 63 p. (MLRA 8:9)

1. Moscow. Gosudarstvennyy politekhnicheskiy muzey.  
(Engineering)

POZDNIYAKOV, R., master prizvodstvennogo obnaruzeniya (class.)

When we went to see Mr. Prod. team. cap. 22 no. 615-17. In '65.  
(KTPA 18:7)

POZDNYAKOV, N.

Credit-payment service to production combines. Den. i kred. 21  
no.10:12-16 0 '63. (MIRA 16:10)

1. Upravlyayushchiy Leningradskoy gorodskoy kontory Gosbanka.

POZDNYAKOV, N.V.

Efficiency of introducing central control service in the construction of electric stations. Trudy No 144 29-42 '63.  
(MIRA 17:8)

POZDNYAKOV, Orest Aleksandrovich; SLOBOZHAN, I.I., red.; MOROZOVA,  
Ye.I., red.; ONOSHKO, N.G., tekhn. red.

[Kolpino; an essay on its local history] Kolpino; istoriko-  
kraevedcheskii ocherk. Leningrad, Lenizdat, 1962. 185 p.  
(MIRA 16:6)

(Kolpino--History)

REGEL', V.R., MUINOV, T.M., AND POZDNYAKOV, O.F.

Application of mass spectrometry to investigate the mechanical destruction of polymers.

Report presented at the 13th Conference on High-molecular compounds.  
Moscow, 8-11 Oct 62

REGEL', V.R.; MUINOV, T.M.; POZDNYAKOV, O.F.

Use of mass spectrometry in studying the mechanical breakdown of  
polymers. Fiz. tver. tela 4 no.9:2468-2473 S '62. (MIRA 15:9)

1. Fiziko-tehnicheskiy institut imeni A.F.Ioffe AN SSSR,  
Leningrad.  
(Mass spectrometry) (Polymers)

L 32661-66 EWT(m)/EWP(j)/T IJP(c) WW/RM  
ACC NR: 3%6015049 (A) SOURCE CODE: UR/0190/66/008/005/0834/0840

AUTHOR: Anufriyev, G. S.; Pozdnyakov, O. F.; Regel', V. R.

ORG: Physicotechnical Institute im. A. F. Ioffe (Fiziko-tehnicheskiy institut)

TITLE: Application of mass spectrometry to the study of polymer thermal degradation

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 834-840

TOPIC TAGS: ~~polymer~~ polymethylmethacrylate, monomer, mass spectrometer, activation energy, POLYMER DEGRADATION, THERMAL DECOMPOSITION

ABSTRACT: A time-transient mass spectrometer with a stroboscope transformer of emitted signals has been used for investigating the composition and the kinetics of liberation of volatile products of polymethylmethacrylate thermal decomposition. The advantages of this method over others were demonstrated. The mass spectrum of the monomer and of the products of polymethylmethacrylate thermodegradation were recorded. The activation energy of polymethylmethacrylate thermodegradation at the initial stage was found to be 30 kcal/mol and in subsequent heating 50 kcal/mol. The authors thank B. A. Mamyrin for his help and

Card 1/2

UDC: 678.01:54

L 32661-66  
ACC NR: AP6015049

participation in discussions of the results. Orig. art. has: 5 figures  
3 formulas and 1 table. [Based on authors' abstract] [NT]  
SUB CODE: 11, 20 / SUBM DATE: 03May65 / ORIG REF: 011 / OTH REF: 006

Card 2/2 BLC

54000  
S/181/62/004/009/020/045  
B104/B186

AUTHORS: Regel', V. R., Muinov, T. M., and Pozdnyakov, O. F.

TITLE: Use of mass spectrometry for investigating the mechanical destruction of polymers

PERIODICAL: Fizika tverdogo tela, v. 4, no. 9, 1962, 2468 - 2473

TEXT: The attachment (Fig. 1) of a mass spectrometer was used to investigate the composition of the volatile products resulting from the mechanical destruction of polymethylmethacrylate (PM) and polystyrene (PS). The samples (cross-sectional area 1 - 2 mm<sup>2</sup>) were either compact or made up of thin film layers. The mass spectra obtained were analyzed by previous calibration of the spectrometer with H<sub>2</sub>, He, H<sub>2</sub>O, N<sub>2</sub>, O<sub>2</sub>, Ne, Ar, Kr, and Xe. Variations of the peaks were recorded by cinematography immediately before, during, and after the fracture of the sample. Volatile products resulting from mechanical and thermal destruction were found to have the same composition as each other. The fact that breaking PM and methyl-

Card 1/62

S/181/62/004/009/020/045  
B104/B186

Use of mass spectrometry of investigating ...

methacrylate have the same mass spectra indicates that monomer molecules separate from the breaking polymer. Breaking PS and styrene have different mass spectra. In addition to the peaks of styrene, it contains a great number of other peaks. Apart from the monomer, also other volatile products evolve. There are 3 figures and 1 table. *JB*

ASSOCIATION: Fiziko-tehnicheskiy institut im. A. F. Ioffe AN SSSR,  
Leningrad (Physicotechnical Institute imeni A. F. Ioffe  
AS USSR, Leningrad)

SUBMITTED: April 26, 1962

Card 2/3

POZDNYAKOV, O.I.

Efficient method for preventing the electrolytic corrosion  
of anchor bolts. Elek. i tepl. tiaga 7 no.10:14 O '63.  
(MIRA 16:11)  
1. Nachal'nik distantsii kontaktnoy seti st. Tayga Zapadno-  
Sibirskoy dorogi.

POZDNYAKOV, O.M.

Characteristics of carcinogenesis in muscles with different metabolism. Biul. eksp. biol. i med. 55 no.2:78-83 F'63.  
(MIRA 16:6)

1. Iz laboratorii patomorfologii (zav. - chlen-korrespondent AMN SSSR, prof. A.A. Solov'yev) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR, Moskva.  
(GARCIINOGENS) (MUSCLES) (METABOLISM)

POZDNYAKOV, O.M.

Changes in the activity of some oxidoreductases during the process of carcinogenesis in muscles with different metabolic patterns. Vop.med.khim. 9 no.4:421-425 Jl-Ag'63  
(MIRA 17:4)

1. Laboratoriya morfologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moskva.

KLIMENKO, Ye.D.; POZDNYAKOV, O.M. (Moskva)

Experimental gastric cancer. Pat. fiziol. i eksp. terap. 5 no.2:  
72-77 Mr-Ap '61. (MIRA 14:5)

1. Iz laboratorii patomorfologii (zav. - chlen-korrespondent AMN  
SSSR prof. A.A.Solov'yev) Instituta normal'noy i patologicheskoy  
fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin)  
AMN SSSR.  
(STOMACH--CANCER)

POZDNYAKOV, P.

Keeping workers of leading professions. Mias.ind. SSSR 33 no.3:33  
'62. (MIRA 15:7)

1. Engel'sskiy myasokombinat.  
(Meat industry)